## IN THE NITED STATES PATENT AND TRADEMARK OFFICE

526 Rec'd PCT/PTO 24 MAR 2000 09 / 446471 In re Application of: Li Zhang Serial No.: 09/446,471 Related Int'l Appln. No.: PCT/US98/12823 Int'l Filing Date June 19, 1998 Priority Date June 20, 1997 Title: FLUID PURIFICATION DEVICES AND **METHODS EMPLOYING DEIONIZATION FOLLOWED** BY IONIZATION FOLLOWED BY DEIONIZATION 56246-198 (IOLL-281) Docket Numl CERTIFICATE OF MAILING (37 C.F.R. § 1.8(1) I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on the date indicated below.

Assistant Commissioner for Patents Washington, DC 20231

Sir:

## LETTER OF TRANSMITTAL

The following documents are enclosed herewith for filing in the above application:

- 1. Copy of Notification of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US);
- 2. Executed Declaration and Power of Attorney for Patent Application; and
- 3. Acknowledgement postcard.

No fees are due with this submission. However, the Commissioner is authorized to charge any defficiencies to Deposit Account 50-1133 with respect to this submission.

Respectfully submitted,

McDERMOTT, WILL & EMERY

DATE:  $\frac{3/21/60}{}$ 

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INTERNATIONAL APPLICATION NO PCT/US98/12823

MARK G LAPPIN MCDERMOTT WILL & EMERY 28 STATE STREET

I A. FILING DATE

FEB 28 2000

06/19/98

06/20/97

PRIORITY DATE

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in the second se	02/24/00
NOTIFICATION OF MISSING REQUIREMENTS UNDE	ER 35 U.S.C. 371 IN THE UNITED
STATES DESIGNATED/ELECTED OF	FICE (DO/EO/US)
1. The following items have been submitted by the applicant or the IB to t	the United States Patent and Trademark
Office as a Designated Office (37 CFR 1.494),	
an Elected Office (37 CFR 1.495):	
U.S. Basic National Fee.	
Copy of the international application in:	DOCKETED
a non-English language.	DUCKEIE Pyr
English.	Pr.M
Translation of the international application into English.	PCM Octh/ Declar
Oath or Declaration of inventors(s) for DO/EO/US.	31241W Ocall Declar
Copy of Article 19 amendments.	
Translation of Article 19 amendments into English.	
The International Preliminary Examination Report in English and it	s Annexes, if any
☐ Translation of Annexes to the International Preliminary Examination	n Report into English.
Preliminary amendment(s) filed 20 LLC - 1999and	
Information Disclosure Statement(s) filed O Lec. 1999 and	d
Assignment document.	
Power of Attorney and/or Change of Address.	
Substitute specification filed	
Statement Claiming Small Entity Status.	
Priority Document.	
Copy of the International Search Report 🔀 and copies of the reference	ences cited therein.
Other:	
2. The following items M I be furnished within the period set forth bel	low in order to complete the requirements for
acceptance under 35 U.S.C. 371:	a will be a mind if a built is
a. Translation of the application into English. Note a processing fe later than the appropriate 20 or 30 months from the priority date	•
The current translation is defective for the reasons indicate	
Translation.	ed oil the attached Notice of Defective
b. Processing fee for providing the translation of the application and	d/or the Annexes later that the
appropriate 20 or 30 months from the priority date (37 CFR 1.49	
C. Oath or declaration of the inventors, in compliance with 37 CFR	
by the International application number and international filing da	
The current oath or declaration does not comply with 37 C	
on the attached PCT/DO/EO/917.	The reasons majested
d. Surcharge for providing the oath or declaration later that the app	propriete 20 or 30 months from the
priority date (37 CFR 1.492(e)).	Topical 20 of 50 monais none are
3. Additional claim fees of \$ as a ☐ large entity ☐ small of	entity, including any required multiple
dependent claim fee, are required. Applicant must submit the additional claim	
which fees are due (37 CFR 1.492(g)). See attached PTO-875.	÷
,	
ALL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABOVE MUST	T BE SUBMITTED WITHIN ONE
MONTH FROM THE DATE OF THIS NOTICE OR BY ☐ 21 OR ☐ 3	31 MONTHS FROM THE PRIORITY
DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILU	RE TO PROPERLY RESPOND WILL
RESULT IN ABANDONMENT.	•
The time period set above may be extended by filing a petition and fee for extended by filing a petition and fee fee fee fee fee fee fee fee fee fe	extension of time under the provisions of 37
CFR 1.136(a).	•
4. Translation of the Annexes MUST be submitted no later that the time pe	
cancelled. Note processing fee will be required if submitted later than 30 m	nonths from the priority date.

4. ĉa, 5. The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

A copy of this notice  Enclosed: PCT/DO/EO/917 N PTO-875	MUST be returned with ctice of Defective Translation	National Stage Processing
FORM PCT/DO/EO/905 (December 1997)	Telephone: (703)	Paralegal Specialist (703) 305-8421